

ABBREVIATED RANGE SITE DESCRIPTIONS

Abbreviated range site descriptions for use whenever rangeland is a recognized land use on the conservation plan map. The abbreviated description, including the plant species, should be recorded on the Soils Information Form, NE.CPA-5.

1. Wet Land (WL). The site occurs on nearly level areas of bottom lands, sandhill valleys, and depressions. A few areas may occur on very gently sloping land. The feature common to all soils in this site is a seasonal high-water table that ranges from over the surface in wet years to a depth of 1 foot below the surface. The soil texture ranges from silty clay loam to fine sand. The Principal plants in the original natural plant community were _____, _____, _____, _____, _____.
2. Wet Subirrigated (WS). The site occurs on nearly level bottom lands of major stream valleys and wet valleys of sandhills. The feature common to all soils in this site is a seasonal high-water table that ranges from near the surface in wet years to a depth of 2 feet in dry years. The soil texture is mainly loam or silt loam, but ranges to include loamy fine sand. The principal plants in the original natural plant community were _____, _____, _____, _____, _____.
3. Subirrigated (Sb). The site occurs on nearly level and very gently sloping areas of bottom lands and sandhill valleys. A few areas are in swales, stream terraces, and on foot slopes. The feature common to all soils in this site is a seasonal high-water table that ranges from a depth of about 1.5 feet in wet years to a depth of 3.5 feet in dry years. The soil texture ranges from silt loam to fine sand. The principal plants in the original natural plant community were _____, _____, _____, _____, _____.
4. Saline Subirrigated (SS). The site occurs on nearly level bottom lands of the North Platte River valley and smaller tributary stream valleys, in low areas of sandhill valleys. The feature common to all soils in this site is a seasonal high-water table that ranges from a depth of 1.5 feet in wet years to a depth of 3.5 feet in dry years. The soils are moderately to very strongly affected by salinity and/or alkalinity. The soil texture ranges from silty clay loam to fine sand. The principal plants in the original natural plant community were _____, _____, _____, _____, _____.

5. Silty Overflow (SiO). The site occurs on bottom lands of stream valleys and in depressions, drainageways, and draws of the uplands. The areas are generally nearly level but a few are very gently sloping. The features common to all soils in this site are soil textures that range from very fine sandy loam to silty clay loam and are susceptible to occasional or frequent overflow. The overflow may occur from flooding of streams or run-in from a higher slope. The soil texture ranges from silty clay loam to very fine sandy loam. The principal plants in the original natural plant community were _____, _____, _____,
_____, _____.
6. Clayey Overflow (CyO). The site occurs on nearly level bottom lands of valleys and in upland depressions. The features common to all soils in this site are the clayey textures and soils which are susceptible to frequent flooding. The soil texture ranges from silty clay to clay. The principal plants in the original natural plant community were _____, _____, _____,
_____, _____.
7. Silty Lowland (SiL). The site occurs on nearly level to very gently sloping bottom lands of stream valleys. The features common to all soils in this site are the loamy and silty textured surface layer and a water table at a depth of 6 to 15 feet or deeper. The soil texture ranges from silt loam to very fine sandy loam. The principal plants in the original natural plant community were _____, _____,
_____, _____.
8. Sandy Lowland (SyL). The site occurs on nearly level to very gently sloping bottom land areas of stream valleys. The features common to all soils in this site are a very fine sandy loam to loamy fine sand soil texture and a water table at 5 to 8 feet. The principal plants in the original natural plant community were _____, _____,
_____, _____.
9. Saline Lowland (SL). The site occurs on nearly level or very gently sloping stream terraces, foot slopes, and uplands. The features common to all soils in this site are the moderate to strong saline-alkali soil condition and a water table at a depth of 6 feet or deeper. The soil textures ranges from silt loam to loamy fine sand. The principal plants in the original natural plant community were _____, _____, _____,
_____, _____.

10. Savannah (Sv). The site occurs on steep and very steep slopes. It occurs on dissected upland landscapes where ridgetops alternate with drainageways and ravines. The features common to this site are the steep and very steep soils on a landscape where the vegetation consists primarily of grasses and scattered trees. The soil texture ranges from silt loam to loamy very fine sand and frequently over fractured calcareous bedrock at 6 to 20 inches. The principal plants in the original natural plant community were _____, _____, _____, _____, _____.
11. Sandy (Sy). The site occurs on nearly level to steep slopes. It occurs on stream terraces, foot slopes, and uplands. The features common to all soils in this site are the fine sandy loam to fine sand textures and fine sand textures on slopes not exceeding 3 percent. The principal plants in the original natural plant community were _____, _____, _____, _____.
12. Sands (Sa). The site occurs on gently undulating to rolling land. It occupies sandhills that are part of upland landscapes. The features common to all soils in this site are the loamy fine sand to fine sand textures and slopes are 3 to 17 percent. The principal plants in the original natural plant community were _____, _____, _____.
13. Choppy Sands (CS). The site occurs on steep hilly irregular slopes. There are many narrow ridges, sharp peaks, catsteps, and small blowouts associated with the site. The features common to all soils in this site are the fine sand to sand textures and the irregular slopes over 17 percent. The principal plants in the original natural plant community were _____, _____, _____, _____.
14. Clayey (Cy). The site occurs on nearly level to steep slopes of uplands and foot slopes. The features common to all soils in this site are silty clay loam to clay subsoil textures. The principal plants in the original natural plant community were _____, _____, _____, _____.
15. Silty (Si). The site occurs on nearly level to steep slopes on stream terraces, foot slopes, and broad upland flats. The features common to all soils in this site are the deep soils that range in texture from silt loam to very fine sandy loam. The principal plants in the original natural plant community were _____, _____, _____, _____.

16. Limy Upland (LiU). The site occurs on nearly level to steep foot slopes and uplands. The features common to all soils in this site are moderately deep to deep and are calcareous at or near the surface. The soil texture ranges from silty clay loam to fine sandy loam. The principal plants in the original natural plant community were _____,
_____, _____, _____,
_____.
17. Saline Upland (SU). The site occurs on nearly level to very steep residual uplands on shale of the Chadron formation. The features common to all soils in this site are moderately to strongly affected by salinity and/or alkalinity. The soils range in soil texture from silty clay to clay and the surface layer is calcareous and 2 to 5 inches thick. The principal plants in the original natural plant community were _____,
_____, _____.
18. Shallow Clay (SWC). The site occurs on gently sloping to very steep uplands that comprise the Pierre Shale formation. The features common to all soils in this site are the clayey textured surface layer and the shallow depth of soil. The soil texture ranges from silty clay to clay over grayish bedded shale at a depth of 4 to 20 inches and is calcareous to the surface. The principal plants in the original natural plant community were _____,
_____, _____.
19. Shallow Limy (SWL). The site occurs on nearly level to very steep uplands that comprise areas of sandstone, siltstone or shale bedrock. The features common to all soils in this site are the calcareous surface layer and shallow depth to bedrock. The soil texture ranges from loamy fine sand to silty clay loam over calcareous bedrock at 6 to 20 inches. The principal plants in the original natural plant community were _____,
_____, _____.
20. Shallow to Gravel (SWG). The site occurs on stream terraces and uplands where gravelly sediments are deposited. The feature common to all soils in this site is the shallow depth to gravelly sand or gravelly coarse sand. The soil texture ranges from loam to gravelly loamy sand over gravelly sand and gravelly coarse sand at 5 to 20 inches. The principal plants in the original natural plant community were _____,
_____, _____.

21. Shallow Sandy (SWS). The site occurs on gently sloping to very steep sloping uplands that comprise areas of sandstone. The feature common to all soils in this site is the noncalcareous surface layer over soft sandstone at 12 to 16 inches. The soil texture ranges from stony loam to fine sandy loam. The principal plants in the original natural plant community were _____, _____, _____, _____, _____.
22. Dense Clay (DC). The site occurs on nearly level to steep slopes of severely eroded uplands and foot slopes. The features common to all soils in this site are the clayey surface layer and a dense clayey subsoil. The soil texture ranges from silty clay to clay over dense massive clay at 4 to 6 inches. The principal plants in the original natural plant community were _____, _____, _____, _____.
23. Thin Loess (TL). The site occurs on very steep foot slopes and uplands that have been dissected by geologic erosion. The feature common to all soils in this site is calcareous loamy soils on slopes 30 to 60 percent. The principal plants in the original plant community were _____, _____, _____, _____.
24. Panspots (Ps). The site occurs on nearly level slopes and has irregular shaped shallow micro-depressions on upland swales. The features common to all soils in this site are the strongly to very strongly alkali condition and the micro-depressional landscape, The soil texture ranges from loam to silty clay over prismatic silty clay loam at 2 to 8 inches. The principal plants in the original plant community were _____, _____, _____, _____.

